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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/800,941	03/07/2001	Manabu Nakashima	0828.6551	6746
24978	7590	06/29/2004	EXAMINER	
GREER, BURNS & CRAIN 300 S WACKER DR 25TH FLOOR CHICAGO, IL 60606			NGUYEN, THANH T	
			ART UNIT	PAPER NUMBER
			2144	

DATE MAILED: 06/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/800,941

Applicant(s)

NAKASHIMA, MANABU

Examiner

Tammy T Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE (3) MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_



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***Detailed Office Action***

1. This action is in response to the application **09/800,941** filed. March 7, 2001.
2. Claims 1-3 have been examined.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-3 are rejected under 35 U.S.C. 102(e) as being anticipated by Bell et al.  
(USPN 5,951,650 – Date of Patent: September 14, 1999, herein referred to as “Bell”).

5. As to claim 1, Bell teaches the invention as claimed, including a multiple-processor

information processing system including a plurality of processor modules, the information processing system comprising: virtual IP address definition means for defining virtual IP addresses on a process module-by-processor module basis (Fig.3, virtual ip address VIPA-T 306, and VIPA\_F 307); storage means for storing said virtual IP addresses defined by said virtual IP address definition means and information indicative of ones of said processor modules corresponding to said virtual IP addresses, respectively, in a state correlated with each other (Fig.3 related by link 310 and link 311, and col.5, lines 55-60); and notification means for notifying a router of a virtual IP address of each processor module and a real IP address of said each process module as routing information, for said each processor module having said virtual IP address stored in said storage means (Fig.3 routing information, col.3, line 61 to col.4, line 6, and col.4, lines 45-65).

6. As to claim 2, Bell teaches the invention as claimed, wherein said notification means notifies said router of a destination IP address of each processor module and a real IP address of said each processor module as routing information, for said each processor module having no corresponding virtual IP address stored in said storage means (col.4, lines 3-15).

7. As to claim 3, Bell teaches the invention as claimed, including a recording medium readable by a multiple- processor information processing system including a plurality of processor modules, said recording medium storing a program for causing said multiple-processor information processing system to carry out a process for notification of routing information, said program causing multiple-processor information processing system to function as: virtual IP

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address definition means for defining virtual IP addresses on a process module-by-processor module basis basis (Fig.3, virtual ip address VIPA-T 306, and VIPA\_F 307); storage means for storing said virtual IP addresses defined by said virtual IP address definition means and information indicative of ones of said processor modules corresponding to said virtual IP addresses, respectively, in a state correlated with each other (Fig.3 related by link 310 and link 311, and col.5, lines 55-60); and notification means for notifying a router of a virtual IP address of each processor module and a real IP address of said each process module as routing information, for said each processor module having said virtual IP address stored in said storage means (Fig.3 routing information, col.3, line 61 to col.4, line 6, and col.4, lines 45-65).

### *Conclusion*

8. Any inquiries concerning this communication or earlier communications from the examiner should be directed to **Tammy T. Nguyen** who may be reached via telephone at **(703) 305-7982**. The examiner can normally be reached Monday through Friday between 8:00 a.m. and 5:30 p.m. eastern standard time.

If you need to send the Examiner, a facsimile transmission regarding this instant application, please send it to **(703) 872-9306**. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's Supervisor, Bill Cuchlinski, may be reached at **(703) 308-3873**.

TTN  
June 23, 2004

MARC D. THOMPSON  
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703.308.6750